Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
105	Cleaning of borewells including yield testing of Borewell either using slow or fast Rig for not more than 2 hours at the finali depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification including the cost of consumables etc ., complete As directed by the engineer in charge	Each	1.00	10736.00	Rupees ten thousand seven hundred and thirty six only
106	Logging/Scanning of Borewell at any depth continuously with the help of logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc.. As directed by the engineer in charge	Each	1.00	1695.00	Rupees one thousand six hundred and ninety five only
107	Hydrofacturing of 146 mm to 152 mm dia Borewell by using Hydrofacturing Unit using single packer with minimum of two fractures including transportation of unit supporting vehicle, crew charges, cost of consumables and yield testing of Borewell one hour at once before fracturing and the other after fracturing with in a radius of 50 Kms from taluk head quarters including supplying necessary water for fracturing etc., complete.As directed by the engineer in charge	Each	1.00	13769.00	Rupees thirteen thousand seven hundred and sixty nine only
108	Yield Testing of Borewell at final depth with a minimum of 10 hours continuously with the help of pump Testing Unit including the cost of transportation charges, crew charges and cost of consumables. As directed by the engineer in charge	Each	1.00	8539.00	Rupees eight thousand five hundred and thirty nine only
109	Providing and fixing heavy duty galvanised iron pipe 50mm dia nominal bore with fittings including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. As directed by the engineer in charge	Mtr	200.00	361.00	Rupees three hundred and sixty one only
110	Supply and delivery at site brand new submersible motor with pumpset texmo / innoval / Lubi / Sabar / Atlanta / Calamal / make suitable for vertical installation in 150 mm dia borewell comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 6HP/4.5KW 14 stage AC supply fitted with required accessories such as suction, casting suction strainers sand guard Non-Return valve etc., complete. As directed by the engineer in charge	unit	1.00	37418.00	Rupees thirty seven thousand four hundred and eighteen only
111	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap, cable clips with bolt, nuts, valves gauges etc., involved in the job (necessary GI pipe and specials will be supplied by the board at the site free of cost),As directed by the engineer in charge	LS	1.00	10600.00	Rupees ten thousand six hundred only

Contractor

Executive Engineer-2
Lakes, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
112	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 Volts as per IS-694:1990 & conforming to GTP of GROUP-A 3C X 2.5 sq.mm As directed by the engineer in charge	Mtr	400.00	91.00	Rupees ninety one only
113	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor. As directed by the engineer in charge	each	1.00	6978.00	Rupees six thousand nine hundred and seventy eight only
114	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs srews 20" X 20" X 2.5" As directed by the engineer in charge	each	1.00	320.00	Rupees three hundred and twenty only
115	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 100Amps As directed by the engineer in charge	each	3.00	382.00	Rupees three hundred and eighty two only
116	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current,Frequency,Power,power factor, KVA, KWH, KVAR suitable for 3 phase 4 wire LT network with IP 64 degree of protection and completely wired as required with communication port and class 0.5s accuracy As directed by the engineer in charge	each	1.00	8483.00	Rupees eight thousand four hundred and eighty three only
117	Suppling, fixing,wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit eic., is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122mm dia As directed by the engineer in charge	nos	1.00	2891.00	Rupees two thousand eight hundred and ninety one only
118	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part- 1:1988 & confirming to GTP of GROUP-A (P W D ESR 2014-15, P-55 I-7.4.4) 4 core 16 sqmm,As directed by the engineer in charge	Mtr	20.00	149.00	Rupees one hundred and forty nine only

Executive Engineer-2
Lakes, BBMP

Contractor

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
112	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 Volts as per IS:694-1990 & conforming to GTP of GROUP-A - 3C X 2.5 sqmm As directed by the engineer in charge	Mtr	400.00	91.00	Rupees ninety one only
113	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor - As directed by the engineer in charge	each	1.00	6978.00	Rupees six thousand nine hundred and seventy eight only
114	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" X 20" X 2.5" As directed by the engineer in charge	each	1.00	320.00	Rupees three hundred and twenty only
115	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden panel using necessary nuts, bolts and washers 100Amps As directed by the engineer in charge	each	1.00	382.00	Rupees three hundred and eighty two only
116	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current,Frequency,Power,power factor, KVA, KWH, KVAR suitable for 3 phase 4 wire LT network with IP 65 degree of protection and completely wired as required with communication port and class 0.5s accuracy As directed by the engineer in charge	each	1.00	8483.00	Rupees eight thousand four hundred and eighty three only
117	Supplying, fixing,wiring, earth electrode for grounding conduits, DC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit .... The pit should be filled with equal proportion of salt and charcoal 150mm all round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.1.3 of IS:732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12.2mm dia As directed by the engineer in charge	nos	1.00	2891.00	Rupees two thousand eight hundred and ninety one only
118	Supplying of 1.1 KV (1.1 UG) cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10sq mm wire armoured) confirming to IS-1975 1999 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS:1554 Part- 1 1988 & confirming to GTP of GROUP-A (PWD ESR 2014-15, P-55 1.7.1.4) 4 core 16 sqmm.As directed by the engineer in charge	Mtr	20.00	149.00	Rupees one hundred and forty nine only

Executive Engineer
Lakes, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
119	KSRB13-3.6 : Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 As directed by the engineer in charge	Mtr	10.00	483.00	Rupees four hundred and eighty three only
120	KSRB13-4.2 : Making connection of G.I distribution branch with G.I main of 50 to 85mm. and 100 to 150 nominal bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM of equipments complete as per specifications. As directed by the engineer in charge	nos	1.00	793.00	Rupees seven hundred and ninety three only
121	KSRB13-6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. As directed by the engineer in charge	each	2.00	2247.00	Rupees two thousand two hundred and forty seven only
122	KSRB13-7.2-4 : Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification As directed by the engineer in charge	nos	1.00	1607.00	Rupees one thousand six hundred and seven only
123	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. As directed by the engineer in charge	each	1.00	242.00	Rupees two hundred and forty two only
124	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 As directed by the engineer in charge	cum	450.00	153.00	Rupees one hundred and fifty three only
125	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick Raw silk / Black pearl granite of width not less than 900 mm granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specification As directed by the engineer in charge	sqm	110.00	2602.00	Rupees two thousand six hundred and two only
126	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification As directed by the engineer in charge	Mtr	440.00	147.00	Rupees one hundred and forty seven only

Contractor

Executive Engineer-2
Lakes, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
127	Providing Children Play two Seater Standard Swing Equipment: This swing consist of 2 Nos. seats of solid metal seats powder coated of size-500mmx250mmx16 SWG supported by MS chains of length 1.8 mtrs. each seat is suspended by 1 line of chain. The chains are supported by circular housings with bearing from which the chain is suspended. The main beam is of 50mm MS 'A' Class pipe. Size of MS chain 30mmx20mmx5mm thick, the length of the main beam is 2.40 mtrs and height 2.00 mtrs. The 2 Nos. of cost iron heads. Four footing are in 42mm pipes. All pipes are of ISI grade. All the pipes are painted with two coats of super set paint over a coat of protective zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4 curing etc., complete with all lead, lift, loading, unloading and other incidental charges and as per the drawing and specification and direction of the Engineer in charge of the work.	no	2.00	25440.00	Rupees twenty five thousand four hundred and forty only
128	Providing Children Play Standard Spring Duck Equipment: The system consists of an FRP coloured duck rocking on a 10mm dia heavy duty coiled spring including fixing the play equipments in CC 1:2:4 curing etc., complete with all lead, lift, loading, unloading and other incidental charges and as per the drawing and specification and direction of the Engineer in charge of the work.	no	6.00	11766.00	Rupees eleven thousand seven hundred and sixty six only
129	Providing and fixing FRP slide of width 2 ft. and length 9 ft. and height 5 ft. with a platform of 2ft. x 2 ft. Aluminium chequered plate, steps made of G.I. sheet 4" with thread metallic and powdered coated including fixing the play equipments in CC 1:2:4 curing etc., complete with all lead, lift, loading, unloading and other incidental charges and as per the drawing and specification and direction of the Engineer in charge of the work.	no	2.00	41340.00	Rupees forty one thousand three hundred and forty only
130	Providing and spreading of sand, As directed by the engineer in charge	cum	450.00	1629.00	Rupees one thousand six hundred and twenty nine only
131	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P W D BCSR 2014-15, P-130, I-17.1)	cum	450.00	71.00	Rupees seventy one only
132	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-1 : Surface Road (P W D BCSR 2014-15, P-130, I-17.1)	cum	450.00	180.00	Rupees one hundred and eighty only

Executive Engineer-2
Lakes, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
133	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications, specification. No. KBS 2.1(b) / 2.3.5 (P W D BCSR 2014-15, P-5 I-2.3)	cum	79.91	275.00	Rupees two hundred and seventy five only
134	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-15, I-4.28)	sqm	44.16	246.00	Rupees two hundred and forty six only
135	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-16, I-4.33)	sqm	28.28	927.00	Rupees nine hundred and twenty seven only
136	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-16, I-4.35)	sqm	8.48	355.00	Rupees three hundred and fifty five only
137	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-15, I-4.29.2)	sqm	16.00	596.00	Rupees five hundred and ninety six only
138	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P W D BCSR 2014-15, P-42, I-7.35)	sqm	32.00	2937.00	Rupees two thousand nine hundred and thirty seven only

Executive Engineer-2
Lakki, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
139	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer (P W D BCSR 2014-15, P-42, I-7.35)	sqm	70.60	84.00	Rupees eighty four only
140	KSRB 15-18.3 : Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (P W D BCSR 2014-15, P-117, I-15.75)	sqm	32.00	54.00	Rupees fifty four only
141	Providing and fixing Polyethylene water storage tank (P W D BCSR 2014-15, P-XXV, I-691, Code-0302)	Ltr	8000.00	7.00	Rupees seven only
142	KSRB13-3.7: Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 15mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 (P W D BCSR 2014-15, P-87, I-13.16)	mtr	56.00	727.00	Rupees seven hundred and twenty seven only
143	KSRB13-6.3-7 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P W D BCSR 2014-15, P-89, I-13.38)	Each	8.00	2876.00	Rupees two thousand eight hundred and seventy six only
144	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P W D BCSR 2014-15, P-13, I-4.7)	cum	154.38	5501.00	Rupees five thousand five hundred and one only
145	Providing & Fixing Polished grey granite slab benches of size 5 feet width of seating slab with bottom slab of 75mm thick with 1.50 ft with back rest slab of 50mm thick with 1.50ft depth side and slab of 100mm thick 2.50ft height including bull nosing of all indges including fixing in CC 1:2:4 including loading and unloading and with all lead and lift etc, complete and excecuting the work as per the directions of the engineer in charge of the work. CE approved Rate	no	25.00	11183.00	Rupees eleven thousand one hundred and eighty three only

Executive Engineer-2
Lakes, BBMP

Scanned by CamScanner

Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
146	Providing and fixing granite benches, with three line dressing, ornamental design with two groves and three bull nose finishing the sides faces of the seating slab of 75mm thickness, resting on two vertical slabs similar, ornamental dressed with peepul leaf shaped groove cutting on outer surface of the legs fixed in concrete bed including cost of all materials, transportation, labour, curing complete as per drawing and directions of Engineer-in-charge CE approved Rate	no	25.00	8014.00	Rupees eight thousand fourteen only
147	Providing and fixing circular 8 guage wire net dust bin of diameter 0.60 m with a height of 1.2 m, along with the circular bottom net of 0.6 m dia, including MS flats of 1.2m length and 1 inch width for vertical joint welding, MS flat 1.9m length and 1 inch width for top and bottom edges and MS flat of 2m length and 3/4 inches width for edges of net shutter with latch arrangement having two hinges with a wirenet of size 1 inch x 1 inch fixed in concrete bed, including 2 coats of approved paint over one coat of primer including cost of all materials, transportation, labour, curing complete as per drawing and directions of Engineer-in-charge CE approved Rate	no	25.00	2173.00	Rupees two thousand one hundred and seventy three only
148	Providing and fixing 20 guage M.S. sheet circular dust bin with bottom perforated sheet 450mm dia and 600mm depth, with stands hollow pipes 32mm dia of depth 1.5 m, top cover MS sheet 900x600 mm above the dust bin, horizontal braces 10mm dia bar and revolving system and locking arrangements etc, fixing in concrete bed including 2 coats of approved paint over one coat of primer, including cost of all materials, transportation, labour, curing complete as per drawing and directions of Engineer-in-charge CE approved Rate	no	25.00	2915.00	Rupees two thousand nine hundred and fifteen only
149	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P W D BCSR 2014-15, P-12 I-4.2)	cum	28.90	5269.00	Rupees five thousand two hundred and sixty nine only
150	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-16, I-4.32)	sqm	33.12	380.00	Rupees three hundred and eighty only

Contractor

Executive Engineer-2
Lakes, BBMP

Scanned by CamScanner